



Philips  
3D LCD monitor, LED  
backlight with SmartImage

## G-line

27"/68.6 cm 3D, shutter glasses



**273G3DHSB**

# Experience 3D gaming on your big screen

Engage yourself with 3D games on the Philips 273G LED monitor. With a big display, active 3D shutter glasses and multiple HDMI inputs, gaming just got more exciting!

### Engaging 3D viewing experience

- 3D Max 120 Hz
- Active 3D wireless shutter glasses for easy viewing
- Play 3D games on your PC with bundled software
- Transform your 2D contents to 3D depth with PC-software
- Auto 3D with the latest Blu-ray and game consoles with HDMI

### Great picture quality

- LED technology for brilliant images
- SmartResponse 2 ms refresh for 2D gaming
- SmartContrast 20,000,000:1 for incredible rich black details
- SmartImage: Optimised user-friendly display experience
- Easy to adjust display settings with Philips SmartControl

### Greener every day

- Mercury Free eco-friendly display

**PHILIPS**  
sense and simplicity

3D LCD monitor, LED backlight with SmartImage  
G-line 27"/68.6 cm 3D, shutter glasses

273G3DHSB/00

# Highlights

## 3D Max 120 Hz



Be enthralled by 3D games, movies and photos with the Philips 3D Max 120 Hz display. Set yourself free with the wireless Active shutter glasses, which bring real-life depth in Full HD resolution. The bundled PC software not only allows you to play 3D games, but also transforms 2D content to 3D. Using the latest generation of fast switching displays for real life depth and realism in 1920x1080 resolution, the latest 3D PC and Blu-Ray games will look amazingly smooth and sharp. 3D video and movies, with their true-to-life depth, will immerse you in the action.

## Auto 3D with HDMI

With Blu-ray gaming and movie players with HDMI 1.4a compatible connection, the Philips 3D display will auto-switch to 3D mode and give you awesome images straight away. No more fussing with adjustments!

## LED technology

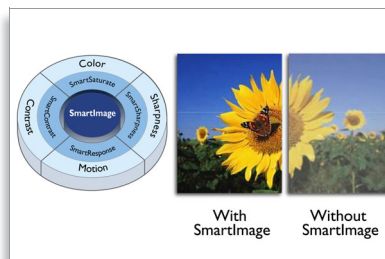
White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

## SmartContrast ratio 20,000,000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised display performance. This user-friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option

offers you major power savings. All in real time with the press of a single button!

## SmartControl

PC software for fine-tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.

## SmartResponse 2 ms for 2D



SmartResponse is an exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and films, which require faster response times in order to produce judder, time-lag and ghost image free images

## Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This allows for an eco-friendly display throughout its life-cycle, from manufacturing to disposal.



# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 27 inch/68.6 cm
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 120 Hz (3D), 60 Hz (2D)
- Response time (typical): 5 ms
- SmartResponse: 2 ms in 2D mode (Grey to Grey)
- Brightness: 300 cd/m<sup>2</sup>
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.311 x 0.311 mm
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colours: 16.7 M
- Effective viewing area: 597.9 (H) x 336.3 (V) mm
- Contrast ratio (typical): 1000:1
- Scanning Frequency: 26–83 kHz (H)/24–63 Hz (V)
- sRGB

## Connectivity

- Signal Input: HDMI x 2, VGA (Analogue)
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: HDMI audio out

## Convenience

- User convenience: SmartImage, Auto 3D, Power On/Off, Input, Menu
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7

## Stand

- Tilt: -5/+20 degree

## Power

- On mode: 24.79 W (typical) (energyStar 5.0 test method)

- Standby mode: <0.5 W
- Off mode: <0.3 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: 100-240 VAC, 50/60 Hz, Built-in

## Dimensions

- Product with stand (mm): 642 x 440 x 227 mm
- Product without stand (mm): 642 x 391 x 64 mm
- Packaging in mm (W x H x D): 700 x 525 x 138 mm

## Weight

- Product with stand (kg): 8.2 kg
- Product without stand (kg): 6.5 kg
- Product with packaging (kg): 8.82 kg

## Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20–80% %
- MTBF: 30,000 hour(s)

## Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TUV Ergo, TUV/ GS, UL/cUL, WEEE

## Cabinet

- Colour: Black
- Finish: Texture

## 3D Requirements

- Software: Free Tridef 3D software bundle
- PC hardware: Requires AMD/ATI VGA card
- Auto 3D: Requires HDMI 1.4a



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\* If you experience any discomfort such as dizziness, headache or disorientation, we recommend not watching 3D for extended periods of time.

\* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age.

\* Please read the instruction manual carefully to learn more about 3D and health

\* Please note that PC software (TriDef 3D) for 3D gaming requires an AMD/ATI graphics card.